

CATALOGUE

PROFESSIONAL RANGE

Askoll



From 1 to 20,000 vehicles, Askoll is the ideal partner for your business

Robust electric vehicles that are exceptionally easy to ride, complemented by integrated charging solutions and telematics to deliver a complete mobility ecosystem.

**Built to work every day.
Easy on your operating costs.**

The real cost isn't the vehicle. It's everything around it.

Optimise your **Total Cost of Ownership (TCO)**

by significantly reducing downtime
and lowering fleet operating costs.

**€ 0,09/km
TCO***

Not just the cost of charging.
The vehicle's total cost in
everyday use.

**Up to 41% lower
operating costs****

Compared with an equivalent
petrol-powered scooter.
A petrol scooter only costs less until
you start using it.

**Up to 70% lower costs than
an entry-level petrol car*****

Compared with a small
petrol-powered car.
For many light urban deliveries and
professional activities, a car is simply
more than you need.

*Calculation based on 90,000 km over three years, including purchase, energy and maintenance costs. Actual costs may vary depending on usage.

**Comparison with a 100–125 cc petrol scooter, based on delivery use (30,000 km/year) and average fuel and maintenance costs.

***Comparison with an entry-level petrol car used in urban conditions, including purchase, fuel and maintenance costs.

Built for professional use.

When evaluating a professional vehicle, the first things people look at are range, payload and operating costs.

But much of what makes a vehicle **reliable** day after day isn't immediately visible. It's the **engineering choices** behind the design that determine how it **performs** after **thousands of kilometres** and **countless daily stops**.

Powertrain



Designed to last.

Every engineering choice is made to ensure reliability and uninterrupted operation. The centrally mounted motor is **protected** from road impacts, while the system architecture **simplifies maintenance** of individual components.

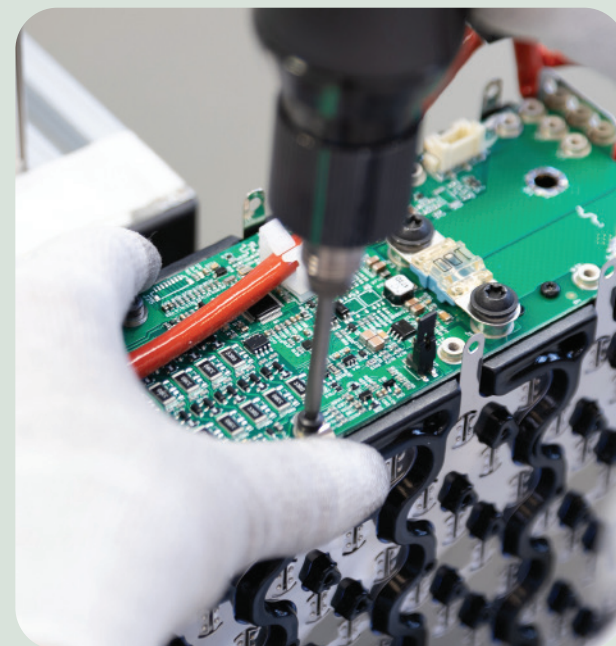
Batteries



Compact, lightweight and removable, Askoll batteries can be removed in seconds and recharged from a **standard power outlet**.

For fleet operations, the **Charging Cabinet** makes charging management even more efficient.

BMS



Developed together with the motor and batteries, the Battery Management System (BMS) continuously monitors every cell to **preserve efficiency** and ensure **long-term operational reliability**.

Discover our
technology





Removable batteries
Fast swapping. Zero waiting.



±35° tilting system
Agile in traffic. Stable through corners.



Up to 24% gradients
Consistent performance, even uphill.

eS3 pro

80 km/h
MAX SPEED

120 km
RANGE**

4 BATTERIES
SWAPPABLE

80 kg
MAX LOAD

FLEET MANAGEMENT
LEADING SOFTWARE INTEGRATION



TRACTION

Max Speed	80 km/h
Power	8,2 kW (2 x 4,1 kW)
Motor	Askoll Dual Motor
Transmission	Pulley w/Poly-V-belt
Regeneration	Automatic
Max Torque	310 Nm (2 x 155 Nm)

BATTERY*

Range**	120 km
N° of batteries	4
Energy	4 x 1,7 kWh
Voltage - Capacity	54 V - 126 Ah (4 x 31,5 Ah)
Charging time	4 h/battery < 10 h onboard
Type	Lithium-ion
Weight	4 x 8 kg

CYCLE PARTS

Front suspension	Hydraulic fork
Back suspensions	2 x spring shock absorber
Pivot system	Central $\pm 35^\circ$
Front brake	Disk 220 mm
Rear brakes	2 x disk 190 mm
Braking system	Hydraulic with integrated CBS
Front tyre	90 / 80 - 16"
Back tyre	2 x 145 / 60 - 13"

DIMENSIONS

Wheelbase	1598 mm
Seat height	760 mm
Weight	204 kg - 420 kg (max allowed)
Max load	60 kg back - 20 kg front
Frame	Tubular steel frame

GENERAL INFO

Vehicle category	L5e-A
Display	LCD
Lighting system	LED
Directions indicators	LED
Connectivity module	Present
Parking brake	Electronic
Reverse gear	Yes
External port	USB/USBc (12 V)
Parking sensors	Optional (during the purchase)
Color	Customizable

* The company implements the strategies set out in Regulation (EU) 2023/1542 on due diligence

** According to (UE) N. 168/2013

Discover our
eSpro3



CAT. L5 - 3 WHEELS



Full LED lighting

Maximum visibility in every condition.



Integrated connectivity

Optimise fleet management and reduce downtime.



Charge anywhere

No charging stations required. Remove the batteries in seconds and recharge them from any standard power outlet.

eS_{pro} 45
connect

45 km/h
MAX SPEED

93 km
RANGE**

2 BATTERIES
SWAPPABLE

40 kg
MAX LOAD

FLEET MANAGEMENT
LEADING SOFTWARE INTEGRATION

eS_{pro} connect



eS_{pro} 70
connect

66 km/h
MAX SPEED

87 km
RANGE**

2 BATTERIES
SWAPPABLE

40 kg
MAX LOAD

FLEET MANAGEMENT
LEADING SOFTWARE INTEGRATION

TRACTION	45	70
Max Speed	45 km/h	66 km/h
Power	2,7 kW	
Motor	ASKOLL on powertrain	
Transmission	Pulley / Poly-V-belt	
Regeneration	Two modes	
Max Torque	158 Nm	130 Nm
BATTERY *		
Range**	87 km	93 km
N° of batteries	2	
Energy	2 x 1,4 kWh	
Voltage - Capacity	54 V - 26,1 Ah	
Charging time	6 h	
Type	Lithium-ion	
Weight	2 x 7,6 kg	

CYCLE PARTS	45	70
Front suspension	Hydraulic telescopic fork	
Back suspensions	Mono shock absorber	
Front brake	190 mm	220 mm
Rear brakes	Hydraulic disk 190 mm	
CBS system	N/D	Yes
Front tyre	90 / 80 - 16"	
Back tyre	110 / 70 - 16"	
DIMENSIONS		
Wheelbase	1245 mm	
Seat height	760 mm	
Weight	72 kg***	
Max weight allowed	245 kg	
Max rear load	40 kg	
Frame	Tubular steel frame	

GENERAL INFO	45	70
Vehicle category	L1	L3
Licence	AM-A1-A2-A-B	A1- A2 - A - B
Display	Digital LCD	
Lighting system	LED	
Directions indicators	LED	
Connectivity module	Telemetry module	
Stand	Central and side	
Reverse gear	Available	
Cruise control	Available	
Walk assist	Available	
Color	Customizable	

* The company implements the strategies set out in Regulation (EU) 2023/1542 on due diligence

** According to (UE) N. 168/2013

***Batteries excluded

Discover our
eSpro connect



CAT. L1 and L3

eS_{pro} 45

45 km/h
MAX SPEED

81 km
RANGE**

2 BATTERIES
SWAPPABLE

40 kg
MAX LOAD

eS_{pro}



eS_{pro} 70

66 km/h
MAX SPEED

87 km
RANGE**

2 BATTERIES
SWAPPABLE

40 kg
MAX LOAD

TRACTION	45	70
Max Speed	45 km/h	66 km/h
Power	2,2 kW	2,7 kW
Motor	ASKOLL on powertrain	
Transmission	Pulley / Poly-V-belt	
Regeneration	Two modes	
Max Torque	130 Nm	
BATTERY*		
Range**	81 km	87 km
N° of batteries	2	
Energy	2 x 1,4 kWh	
Voltage - Capacity	54 V - 26,1 Ah	
Charging time	6 h	
Type	Lithium-ion	
Weight	2 x 7,6 kg	

CYCLE PARTS	45	70
Front suspension	Hydraulic telescopic fork	
Back suspensions	Mono shock absorber	
Front brake	Disk 190 mm	Disk 220 mm
Rear brakes	Drum 140 mm	Disk 190 mm
CBS system	N/D	Disponibile
Front tyre	80 / 80 - 16"	
Back tyre	90 / 80 - 16"	
DIMENSIONS		
Wheelbase	1245 mm	
Seat height	760 mm	
Weight	72 kg***	
Max weight allowed	245 kg	
Max rear load	40 kg	
Frame	Tubular steel frame	

GENERAL INFO	45	70
Vehicle category	L1	L3
Licence	AM-A1-A2-A-B	A1- A2 - A - B
Display	Digital LCD	
Lighting system	LED	
Directions indicators	LED	
Connectivity module	Bluetooth	
Stand	Central and side	
Reverse gear	Available	
Color	Customizable	

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** According to (UE) N. 168/2013

*** Batteries excluded

Discover our
eSpro



CAT. L1 and L3



The energy hub for your fleet

The **Askoll Charging Cabinet** charges and manages up to **24 batteries simultaneously**, keeping them fully charged and ready to use. So your fleet can keep moving without interruption.



Centralised charging

A single charging hub to keep your fleet ready for work.



Instant battery swapping

Replace the battery and get back to work without interruption.



Continuous monitoring

Monitor the status of every battery in real time and manage your fleet with ease.



Always-connected fleets.

Askoll Telematics is compatible with the leading fleet management software used by businesses.

Vehicle monitoring

Track the location, status and battery charge level of every vehicle, keeping your fleet **under constant control**.

Operational optimisation

More data, less downtime. Optimise fleet operations and keep your **vehicles on the road**.

Smart energy management

Monitor battery status to plan charging and battery swaps more efficiently.

Seamless system integration

Askoll Telematics is compatible with the leading fleet management software used by businesses.

Electric history. Riding legacy.

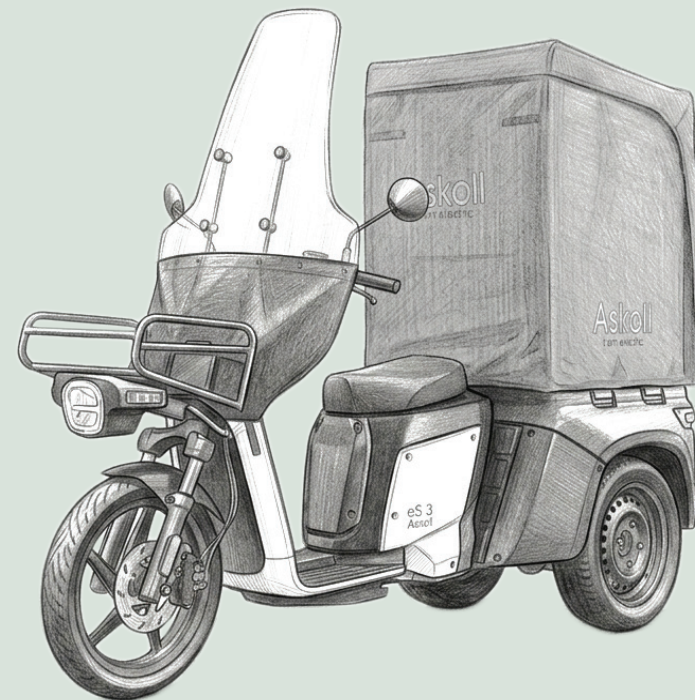
We didn't start in mobility. We got here after transforming everything else.

For over **45 years**, we have been **developing electric motors** that have **transformed entire industries**, from aquatics to household appliances. Our technology has become a global benchmark.

Today, we design our electric vehicles with the same philosophy: controlling every element that matters to deliver the highest levels of performance and reliability.

Italian to the core

We design and manufacture our vehicles entirely in **Italy**, at our headquarters in Dueville, near Vicenza.



Trusted by leading organisations



Cooltra

Europe's leading scooter-sharing operator chose Askoll electric scooters.

Since **2018**, Cooltra has relied on Askoll to power a reliable, always-ready sharing fleet. Easy to manage, robust, cost-efficient and intuitive to ride, our scooters help simplify fleet operations and urban mobility.



Österreichische Post

For one of Europe's leading logistics operators, **operational efficiency** and sustainability go hand in hand. That's why Österreichische Post chose Askoll professional vehicles: **engineered to deliver reliability, optimise operating costs** and support efficient, regulation-compliant fleet management.

Discover our
reality





Contact us!

Authorized distributor

www.askollelectric.com